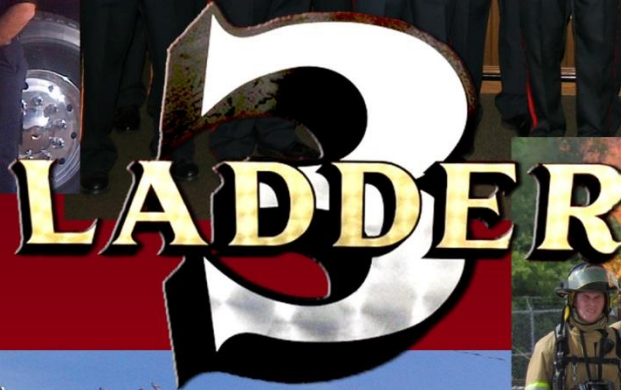


LAFAYETTE FIRE DEPARTMENT ANNUAL REPORT 2014



"OUR FAMILY SERVING YOUR FAMILY"

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Mission Statement



To respond to the needs of the citizens of Lafayette in a timely manner through continuing public education, multi-agency and community cooperation, quick response, and a desire to make Lafayette a safer place to live

2014 Personnel Roster

Chief

Richard Doyle

Deputy Chief

Steve Butram

Assistant Chief of Training

Karl Stokes

Assistant Chief of Special Operations

Mike Blann

Training Captain

Chris Gorbett

Battalion Chiefs

Tim Ford – A Shift

Mike Heatt – B Shift

Rick Dehahn – C Shift

Chief of Fire Prevention

Ron Ritchey

Inspectors

David Thomas

Gary Bennett

Todd Trent

Brian Alkire

Fire Administrative Services Manager

Beth Duell

Administrative Assistant

Samantha Taylor

Captains

Joe Barker
Rodney Brewer
Randy Evans
Tim Franscoviak
Larry Hitze
Michael Schwarz
Mike Tribbett

Lieutenants

Ryan Altman
John Berkshire
David Bisher
Mike Blann
Matt Chase
Myron Congram
Joe Danaher
Dane Elston
Todd Ford
Toby Frost
Scott Guinn
Chad Hoey
Tom Holladay
Scott Hunter
Jon McDaniel
Rick Meyer
Jim Morrow
Ted Murphy
Brian Perior
Elmo Robledo
David Stanley
Craig Stanton
Joe Steckler
Todd Wagner
Rich Wilkins

Sergeants

Steve Arndt
Steve Black
Jim Brewer
Denny Burkhardt
John Butler
Brad Cornell
Jack Cross
Jim Dickensheets
Heather Evans
Denny Gick
Pat Griswold
John Gullion
Jeremy Hostetler
Randy Keen
Mike Koning, Sr.

Mark Lee
Kevin Marsh
Lance Martin
Tagg Morris
Mark Phillips
Trent Richter
John Robinson
Bruce Stafford
Tim Stillabower
Don Thelen
Brian Toby
Darrell Vandergraff
Alan Wade
Chad Wiesler
Ryan Woody

Journeyman

Brian Adkins
Scott Alkire
Dave Allspaw
Mark Antonian
Mark Beeler
Jamie Blacker
Justin Brown
Wayne Bush
Tim Butz
Darren Chase
Jason Clark
Chris Conklin
Steve Cornelius
Mike Davis
Adam Deaton
Damon Downey
Doug Dunwoody
Gary Gaither
Darryl Graham
Patrick Grimes

Sarah Hagerty
John Hamilton
Chris Hathaway
Jeff Hauser
Drew Hieatt
Bill Holderfield
Will Holycross
Mike Hoskins
Jason Jordan
Ted Koeppen
Mike Koning, Jr.
Clinton Korty
Matt Kubat
Jayson Lohmeyer
Todd Lyons
Ron Martin, Jr.
Bob McCord
Chad McCord
Marc McKinney
Eliseo Medrano

Mike Moran
Bob Morehouse
Marc Motuliak
Leonard Muinzer
Todd Munson
Doug Newhart
Travis Oliver
Lester Pelfree
Juan Perera
Greg Phillips
Jeff Ramey
Shawn Rice
Ryan Sanders
Jeff Smith
Mike Stull
Jason Swank
Paul Terhune
Troy Trent
Kevin Woollen
Brad Young

Recruits

Bryce Baskett
Lee Booth
Grant Davidson
David Rose
Chris Terrell

Promotions

The following firefighters were promoted during the year 2014:

Sergeant Brad Cornell	3/11/14
Training Captain Chris Gorbett	3/11/14
Inspector Brian Alkire	3/11/14



Chief Richard Doyle and Sergeant Brad Cornell



Chief Richard Doyle and Training Captain Chris Gorbett



Inspector Brian Alkire and Mayor Roswarski



Asst. Chief Ron Ritchey, Deputy Chief Steve Butram, Chief Richard Doyle, Inspector Brian Alkire, and Mayor Roswarski



On January 18, 2014, we responded to a crash on Interstate 65 that involved 30 vehicles, including one semi that caught fire.

Community Involvement

Hoosier Burn Camp Visitor's Day



Awards

The Battalion Chiefs hosted an awards banquet to acknowledge members with awards and unit citations for their performance under duress. Assistant Chief Ron Ritchey was presented with the *Firefighter of the Year* award.





Lafayette Fire Prevention

Overview

The Fire Prevention Bureau is staffed by a Division Chief & 4 full-time Inspectors whose primary responsibilities include:

- **Public Education Through Media (print, radio, and TV)**
 - Schools (Annual Fire Prevention Show)
 - “Fire House” Band
 - Juvenile Fire Setter Education Program
 - Through Media (print, radio, and TV)
 - Free Smoke Detectors and Installation
 - Community “Outreach” Events, such as:
 - ✓ Lafayette School GLASS Program at High Schools
 - ✓ Tippecanoe County 4-H Fair
 - ✓ Various Others
- **Building and Fire Code Enforcement for Existing Commercial Buildings**
- **Plan Review and Inspections of New Construction Projects**
- **Liaison to Engineer Dept. (meet with building owners/architects/contractors)**
 1. Review Building, Sprinkler, Fire Alarm, Kitchen Hood Plans
 2. Conduct Building Inspections from beginning to end of project
 3. Conduct Pre-Design and Pre-Con Meetings with Architects and Contractors.
 4. Conduct Hydrant Flow Tests
- **Fire and Explosion Investigations**
 - Work in close proximity with federal, state and local law enforcement and the prosecutor’s office in arson investigations.

- Work closely with private insurance investigators on all cases.
- Work in partnership with LPD Detectives and the Prosecutor's Office in Arson Cases.
- **Special Investigations**
 - Administrative Investigations as assigned
- **Additional Administrative Duties include, but not limited to:**
 - Grant Funding
 - Updating Local Ordinances
 - Updating SOP's
 - Continued Education and Training for Staff
 - Recruit and firefighter training (as assigned by Training Division)
 - Assist Company Officers with Preplans in Complex Structures
 - ISO Rating for department

2014 Year in Review

The Fire Prevention Bureau increased productivity ("doing more with less") during the course of the year. Highlights of these include:

- The total number of Existing Building Fire and Life Safety Inspections **increased 21%** from the previous year (2013). The previous year **total increased 25%** from the previous year (2012). **This represents a combined total of 46% more inspection productivity over the past two years.**
- The total combined number of Existing Building Fire and Life Safety Inspections and New Construction Inspections **increased 23%** from the previous year (2013).
- There were no structure fires investigated that involved juvenile firesetters for the year 2014.
- There were **0 fire fatalities** in the City of Lafayette in 2014.
- Our Arson Clearance rate for 2014 was **75%** which indicates excellent fire investigation scene examinations combined with a good working partnership with LPD Detectives in solving these types of crimes.

Public Education

"Annual" FIRE PREVENTION SHOW

Our "annual" Fire Prevention Show was well attended again this year for children in grades (K through 2) in Lafayette, West Lafayette, and Tippecanoe School corporations, as well as private schools in the Greater Lafayette Community. For the past 11 years, our major corporate sponsor for the show has been State Farm Insurance. This year, State Farm provided us with grant monies to allow us to pay the school corporation's transportation reimbursement costs, which was much appreciated, and helps to insure we can educate as many children as possible.

History of the Fire Prevention Show

The Lafayette Fire Department has targeted elementary school aged children as our main target audience over the past 20 plus years.

In the mid 1980's, members of the Fire Prevention Bureau would visit each elementary school during Fire Prevention Week and educate each school individually. In an attempt to be more efficient and effective, fire prevention education was moved to the Tippecanoe Mall and students in the Lafayette School Corporation in grades K-3, who were transported by bus to the mall and educated collectively. In the early 1990's, the show was transferred to the Tippecanoe County Fairgrounds, where students were educated by the use of hand puppets and recorded songs. In the mid 1990's the show had a brief hiatus at the Long Center, located in downtown Lafayette. Since 1996, the show has been held at Lafayette Jeff High School Auditorium for students in grades K-2 from Lafayette School Corporation, West Lafayette Schools, Tippecanoe County School Corporation and private Christian Schools. The format of the show changed dramatically in 1996, when we abandoned the puppet show and substituted live characters that are portrayed by local firefighters, and formed the "Firehouse Band", which performs live music during the performances. We educate approximately 5000 children each year during Fire Prevention Week.

TIPPECANOE COUNTY 4-H FAIR

The Lafayette Fire Department participated once again in public education at the Tippecanoe County 4-H Fair in July. The Fire Prevention Bureau sets up a booth in the exhibitors tent and hands out over 2000 free fire helmets, stick-on badges and coloring books. While handing out each of the fire helmets, children that show up at the booth must answer a fire safety question to receive his or her prize. Free smoke detectors are also handed out to people who qualify and are in need of one.

JUVENILE FIRE SETTER PROGRAM

The LFD Juvenile Fire Setter Program is a program of education and evaluation. It is designed to teach children and parents that matches and lighters are tools, not toys. A child who demonstrates interest or curiosity about fire should be provided with information and education as soon as possible. Our staff is able to conduct an evaluation interview with both the parent(s) and child, to help determine why the child is interested in fire. The program also is able to determine if the curiosity can be controlled by the parent or if additional counseling is needed through professionals. In an effort to better serve our community, our staff networks with other juvenile fire setter programs throughout the state to identify new and better ways to educate and inform these children.

FREE SMOKE ALARM PROGRAM

We offer free smoke alarms to members of our community. For people who qualify free smoke alarms are provided and installed by on-duty firefighters to insure that each home is equipped with the proper number and locations of these life-saving devices. Also, we have a limited number of smoke detectors for the hearing impaired that are available.

The program is made possible through a partnership with the Historic Five Points Fire Museum and grant funds provided by North Central Health Services.

Lafayette Firefighters installed 184 free smoke detectors in the homes throughout the year.

Building and Fire Code Enforcement (Existing Buildings)

One of the major functions of local government is to provide a reasonable degree of safety for the citizens it governs. This mindset is ever present for the members of the Fire Prevention Bureau, who understand that unsafe buildings pose an inherent risk to both citizens and responding firefighters. In fact, a majority of the building and fire code laws in effect today came into existence to address and correct unsafe building designs and housekeeping practices.

Our inspections encompass existing buildings that are required to meet minimum building and fire codes in effect at the time they were constructed, and there are approximately 3,507 business occupancies in the City of Lafayette. Additionally, we inspect all new construction projects to insure that they meet the current code requirements.

Breakdown of Total Business Occupancies in City:

Group “A” Occupancies= *Nightclubs, Bars, Churches, etc.*

Group “B” Occupancies= *Business (General)*

Group “E” Occupancies= *Schools*

Group “F” Occupancies= *Factories*

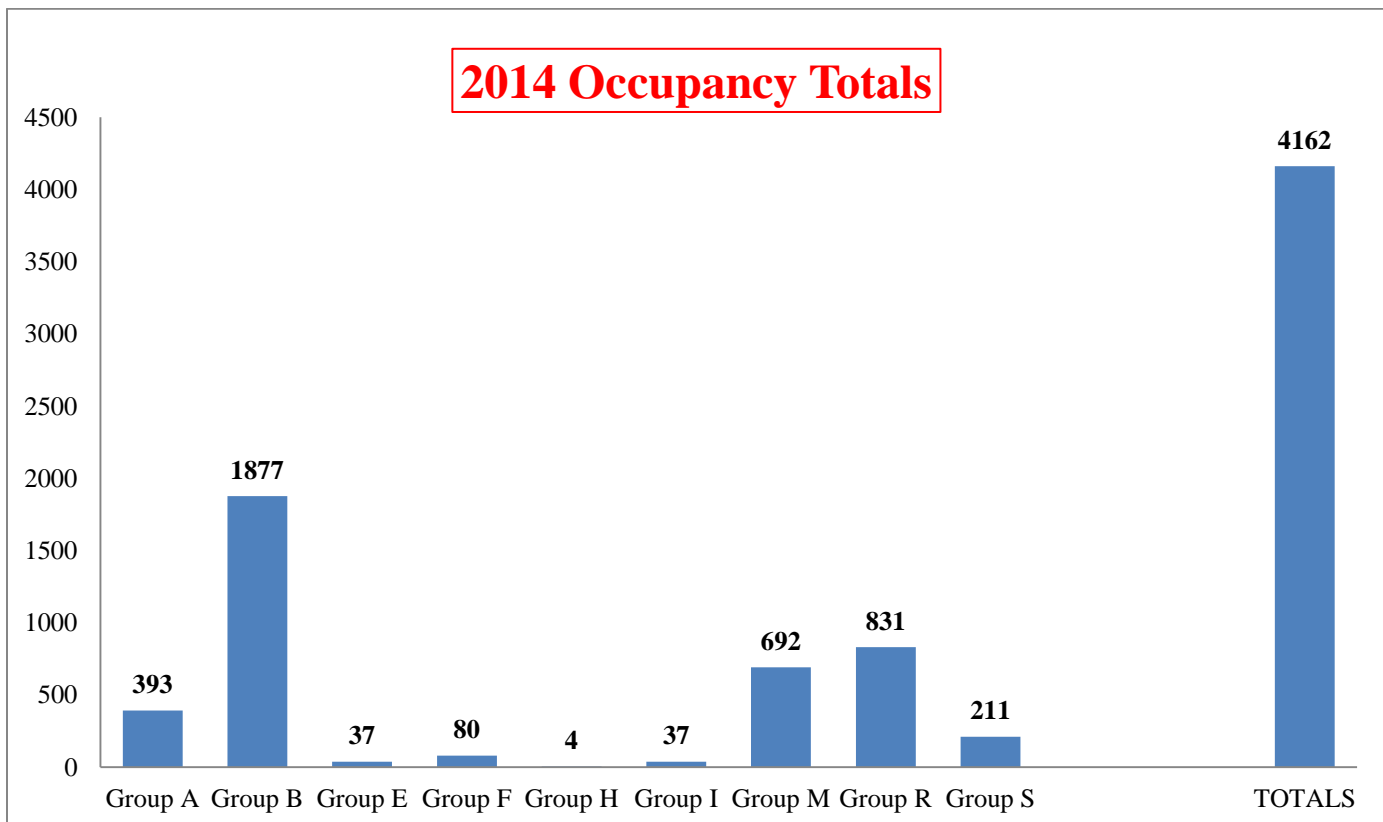
Group “H” Occupancies= *High Hazard*

Group “I” Occupancies= *Hospitals, Nursing Homes, Assisted Living, Adult and Child Day Cares*

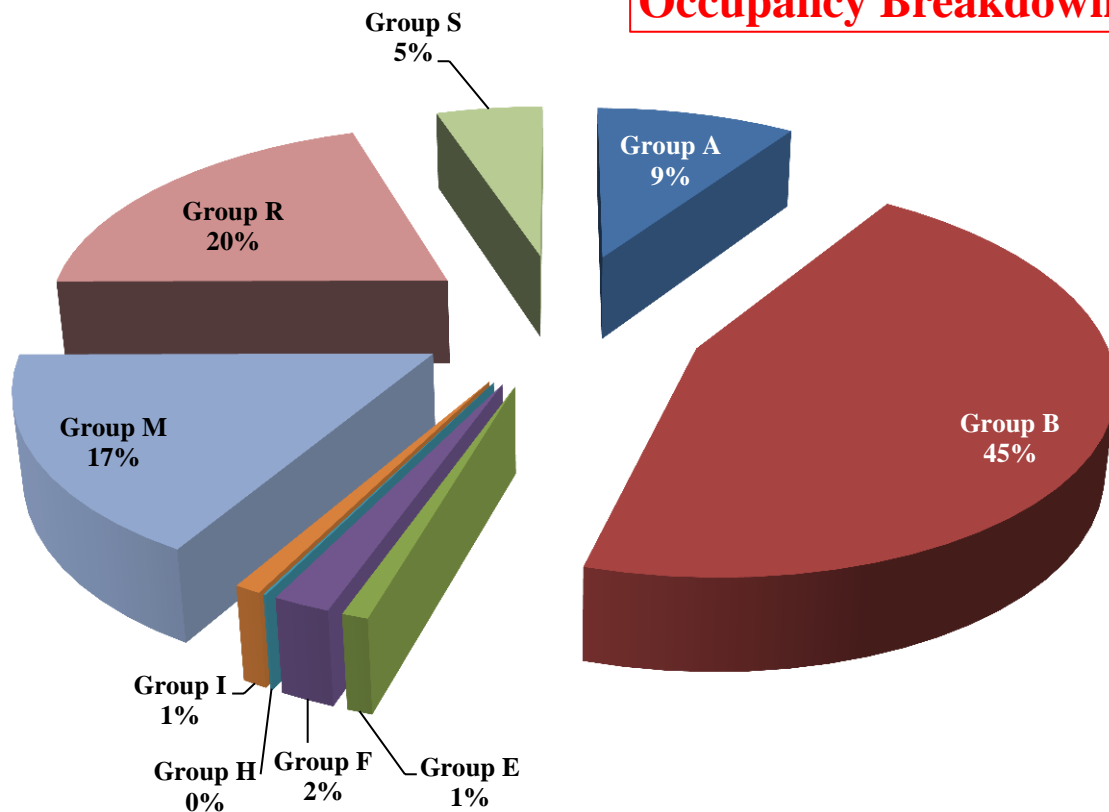
Group “M” Occupancies= *Mercantile (Strip Malls Occupancies, Mall Occupancies, etc.)*

Group “R” Occupancies= *Residential (Apartments, Condominiums, Hotels and Motels)*

Group “S” Occupancies= *Storage Buildings*



Occupancy Breakdown %



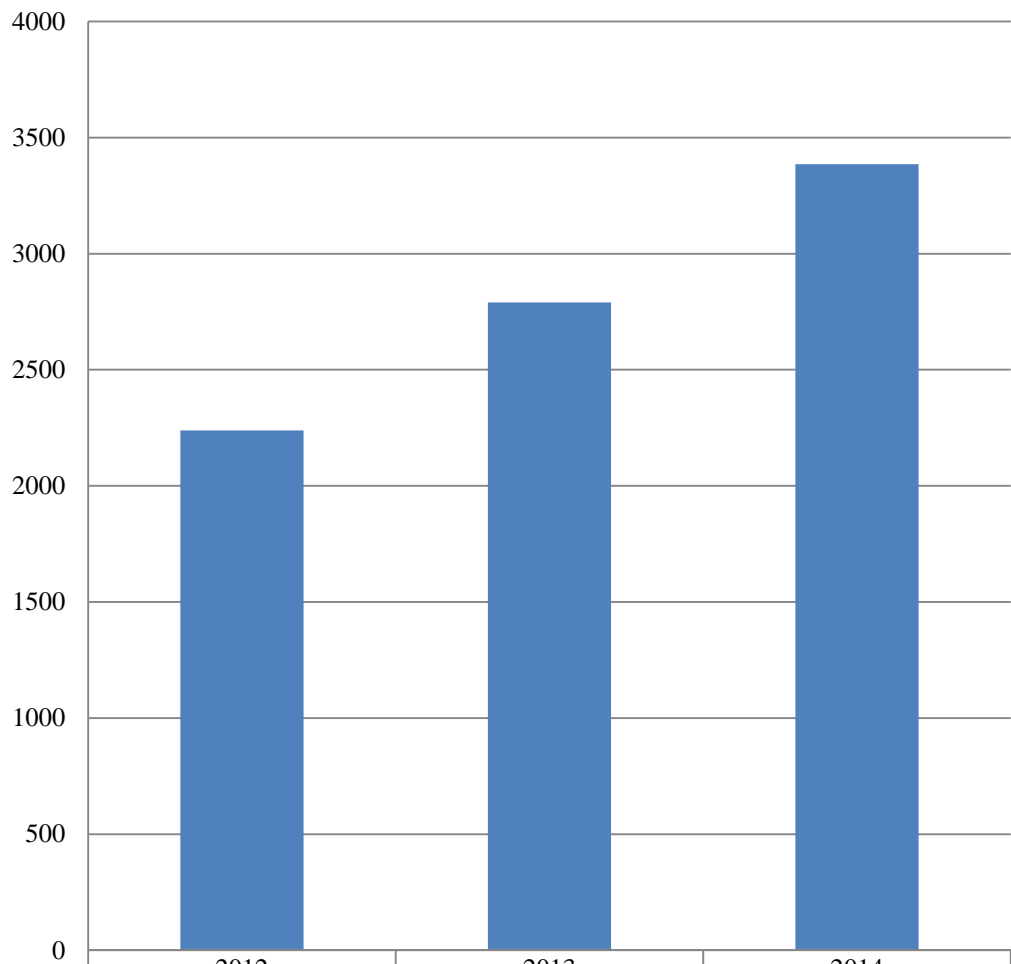
Existing Inspection Totals

3385 Total Inspections (*Existing Buildings*) for 2014. **(21% increase over 2013 Totals)**

4095 Total Inspections (*both Existing and New Construction*) for 2014.
(23 % increase over 2013 Totals)

Number of Existing Inspections (YTD)

Total # of Inspections



■ Number of Existing Inspections (YTD)

2012

2013

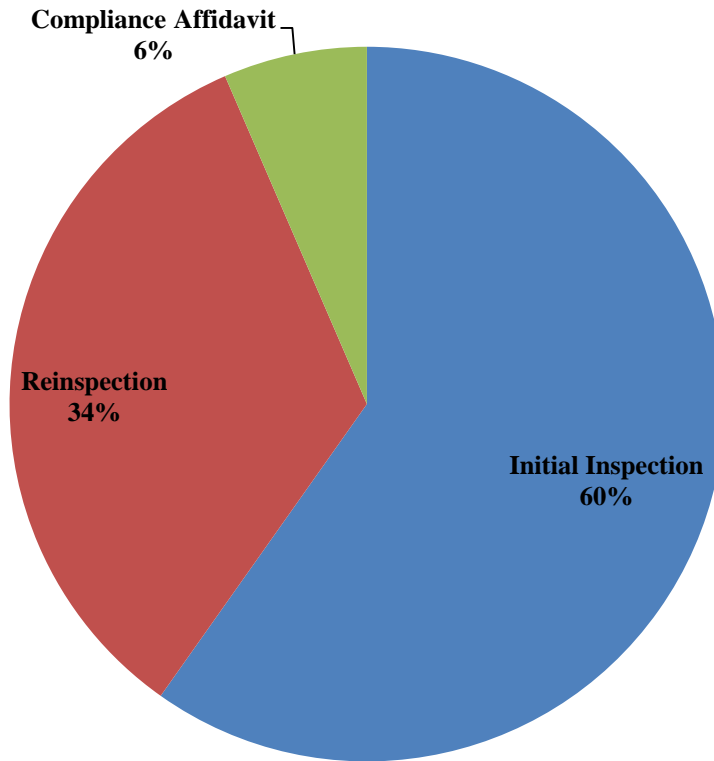
2014

2239

2790

3385

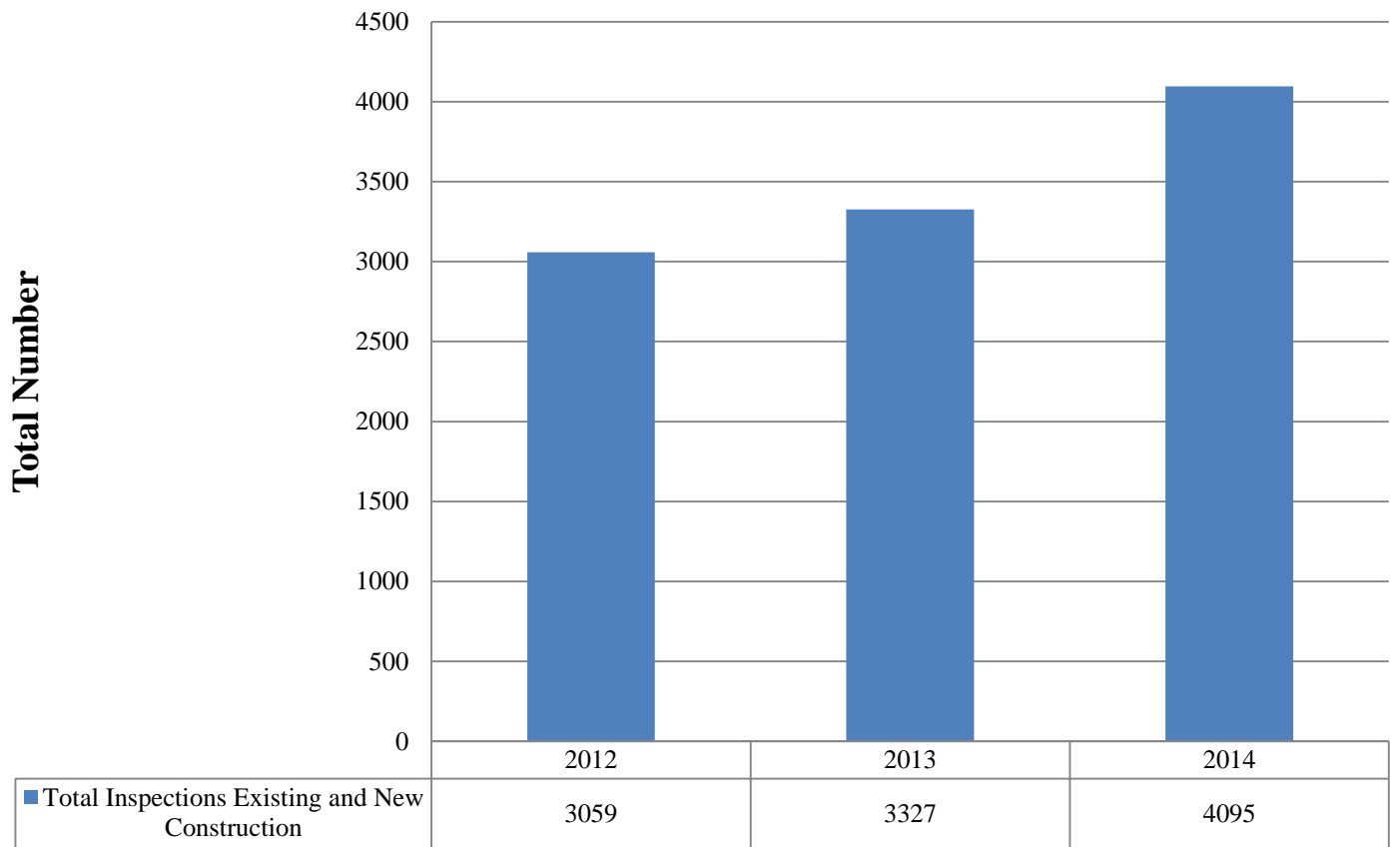
2014 Existing Inspection/Reinspection %



Re-inspection Consequences Data

The number of “re-inspections” required to certify compliance continues to tax our resources, and we are currently trying to identify means to reduce this number.

Total Inspections YTD (2012-2014) (Existing and New Construction)



2014 Existing Building Inspections/ New Construction Projects (*Combined*)

The Total Number of Combined Inspections (both Existing Buildings & New Construction/Renovation Projects) **increased 23%** for the year, in comparison to last year.

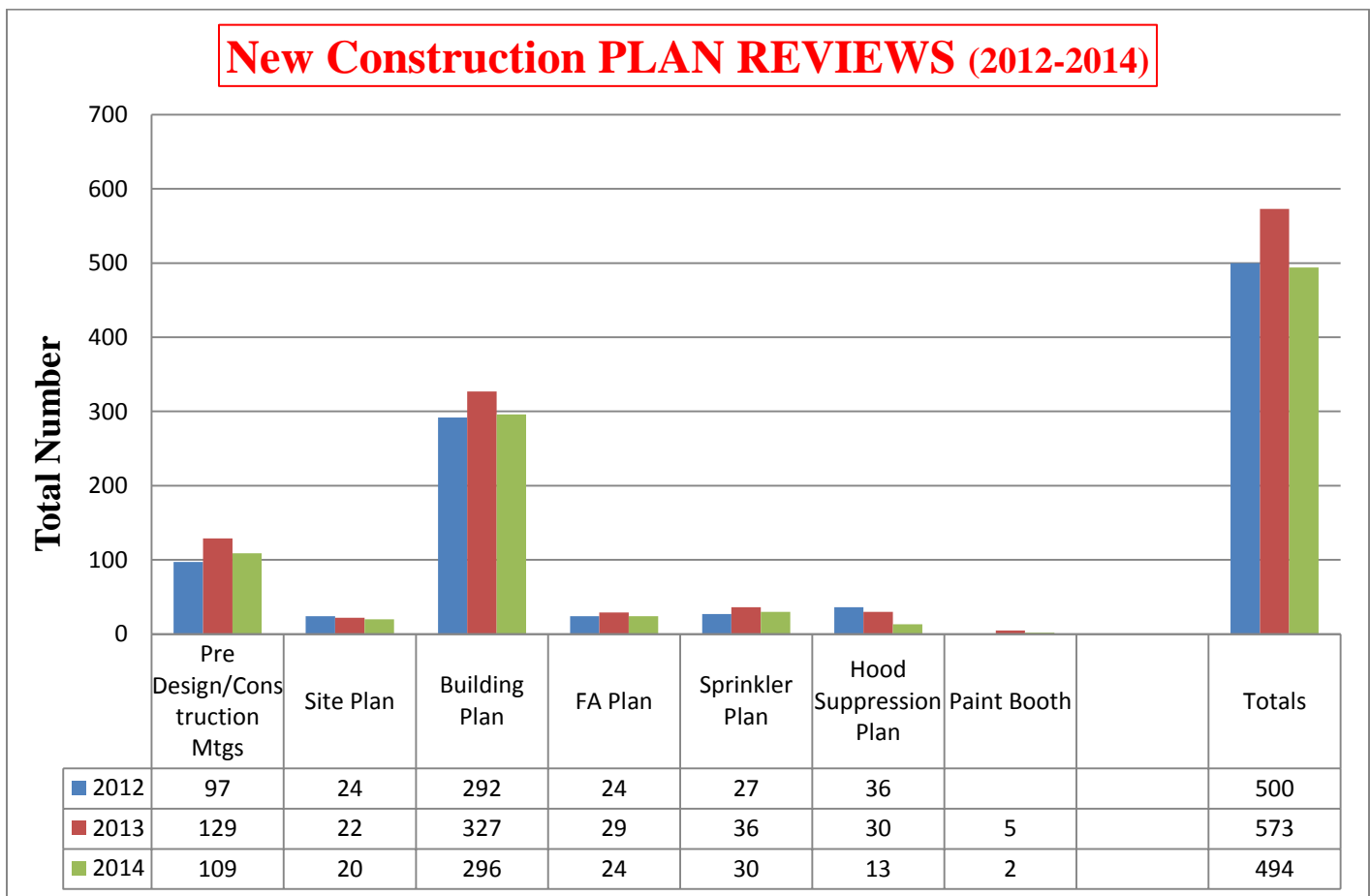
Plan Review and Inspections (New Construction Projects)

Most new construction projects are required to be filed with the State of Indiana and our City Engineer's Office to obtain necessary permits to begin construction. We conduct plan reviews of all new construction, and strive to conduct very thorough reviews at the initial phases of construction to help eliminate potential conflicts at the end of the projects. Oftentimes, this will require us to meet personally with architects, building owners, and project managers in pre-construction conferences. We believe that the benefits and rewards of spending time at the front of a project provides ample justification for the costs incurred, and assists the building owner in avoiding potentially costly renovations at the end of their projects.

Our Fire Prevention Staff reviews and inspects all pertinent fire code issues, including but not limited to:

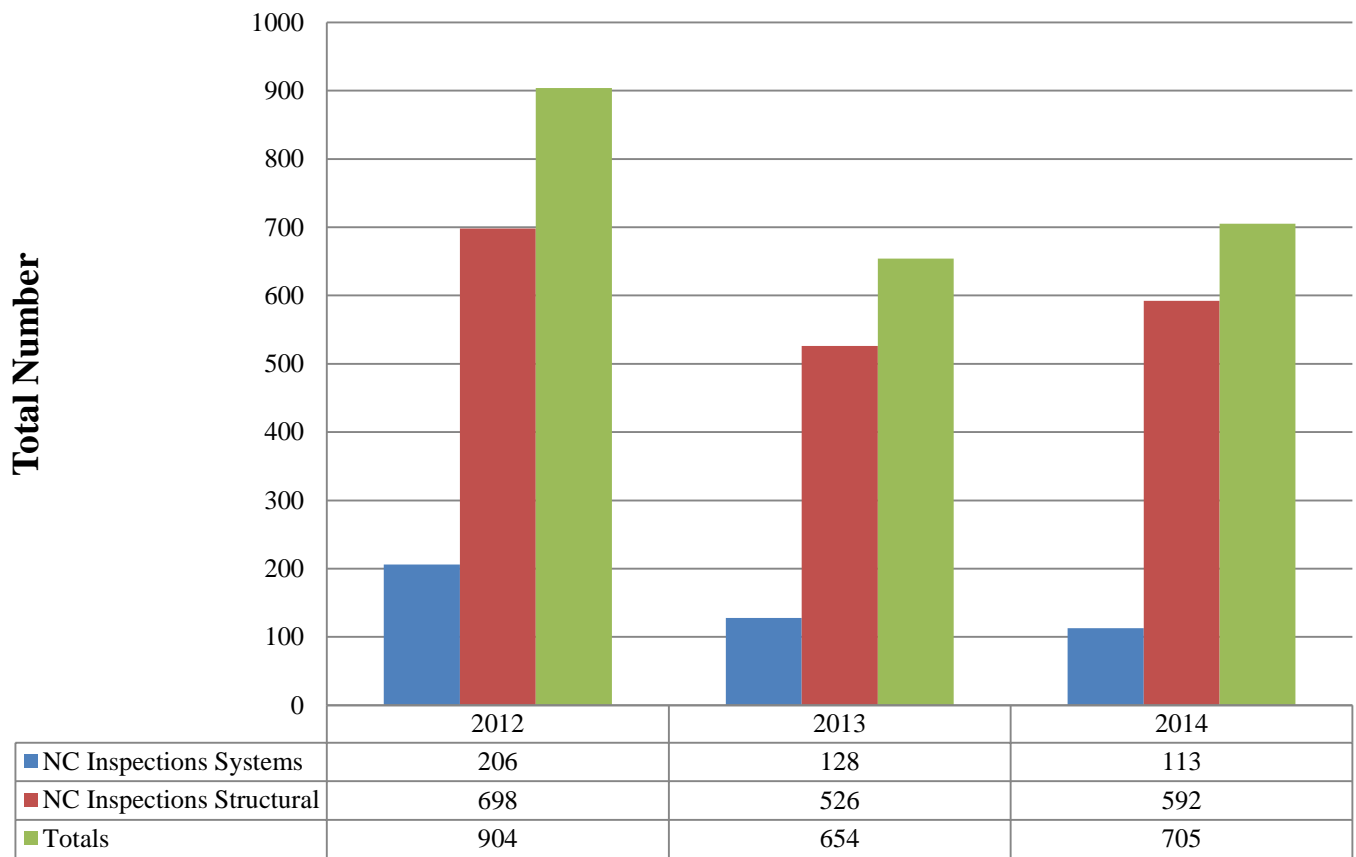
- Building Plans
- Sprinkler Systems
- Fire Alarm Systems
- Kitchen Hood Systems

Our goal is to work with Architects/Engineers, Building Owners, and Contractors to identify corrections at the beginning of the process, and to help all parties eliminate costly amenities at the end of the project.



New Construction Plan Reviews for the year 2014 numbered 494.

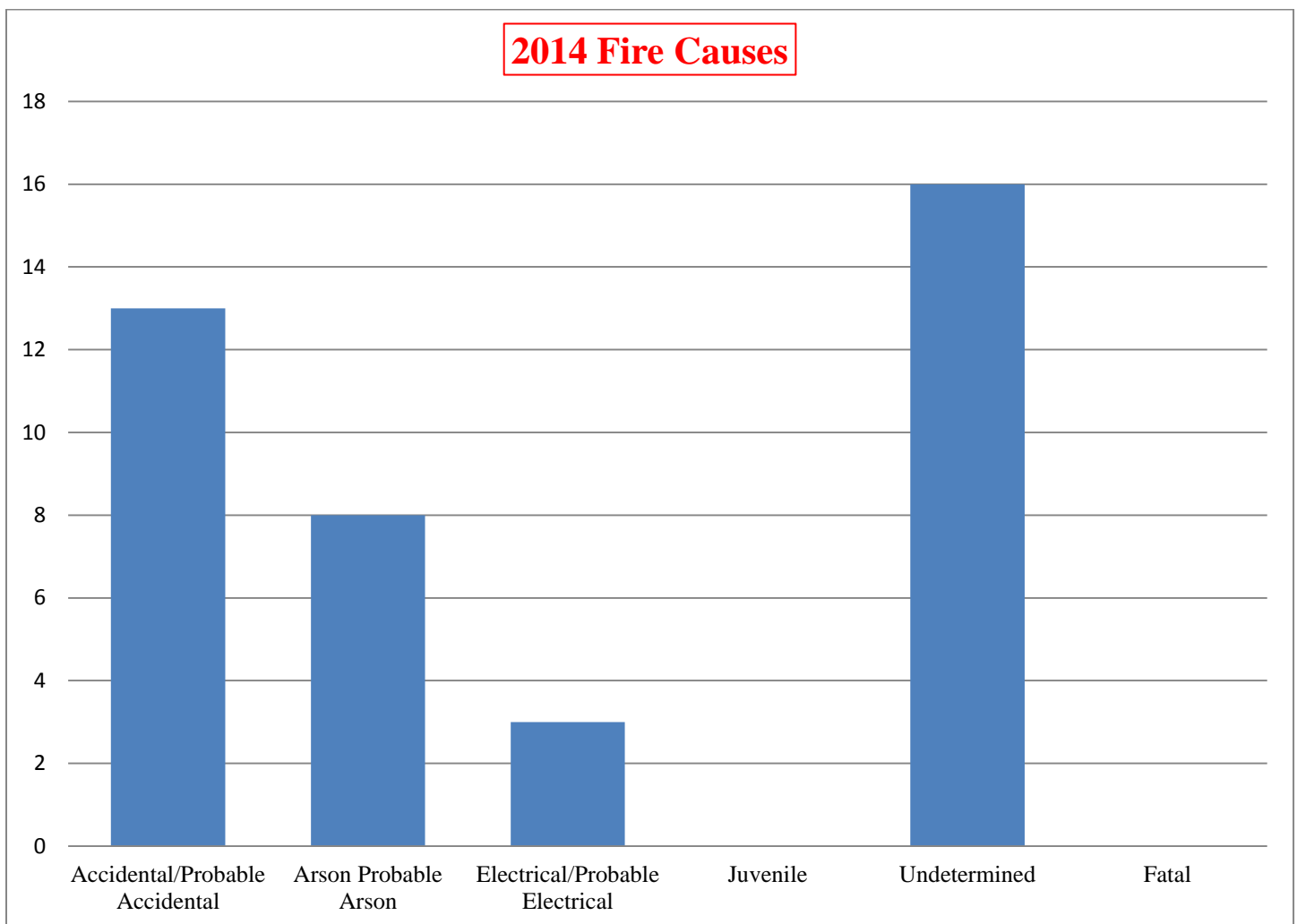
New Construction Inspections (2012-2014) Fire Systems & Building Structures



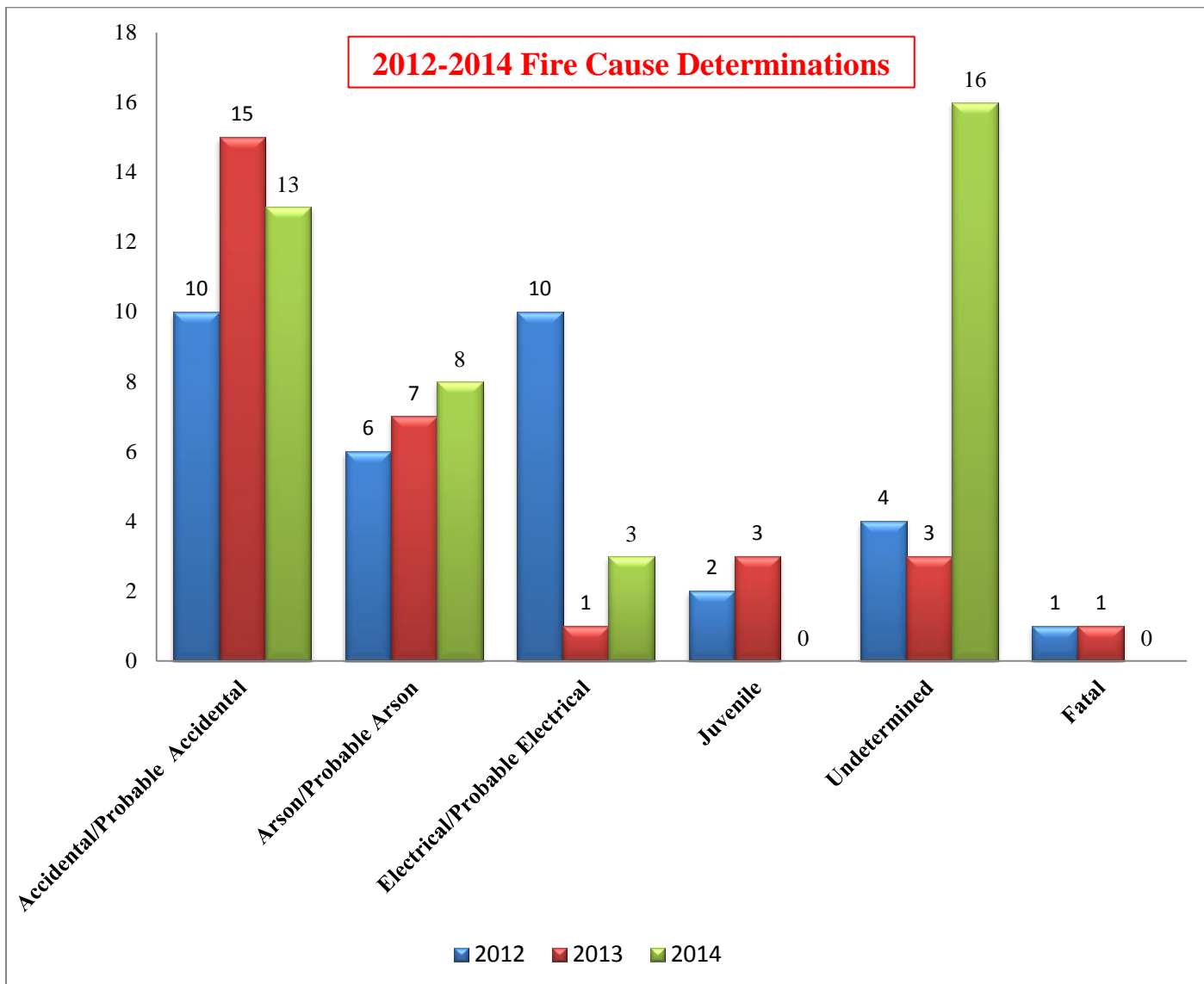
The total number of 2014 Total New Construction Inspections (“Structural” and “Systems”) increased (8%) from previous year.

Fire and Explosion Investigations

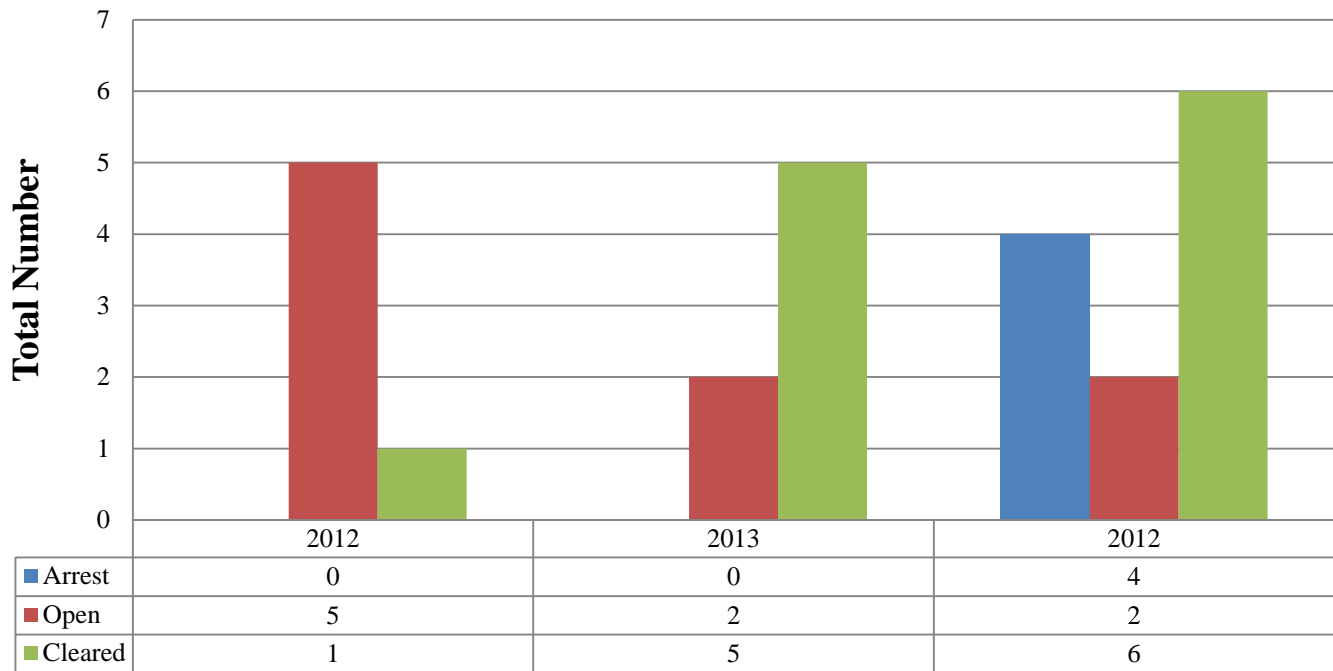
Members assigned to the Lafayette Fire Prevention Bureau have the responsibility to investigate the “cause and origin” of residential/commercial structure fires and vehicle fires when requested by the Battalion Chief of Suppression. Additionally, we respond to and investigate incidents that involve natural gas explosions. Our investigators attend professional training seminars and have professional memberships/certifications, which include the International Association of Arson Investigators (IAAI). This organization provides opportunities for training and networking with other investigators throughout the state. It provides a highly coveted “Certified Fire Investigator (CFI) program” which certifies the individual has met minimum experience, training, and courtroom testimony. Currently, one member of our staff has obtained a “CFI” and is listed amongst a total of approximately seventy (70) CFI’s in the entire state of Indiana.



We did not have any structures fires in the year 2014 which involved any juvenile firesetters, and we did not respond to any fires resulting in fire deaths.

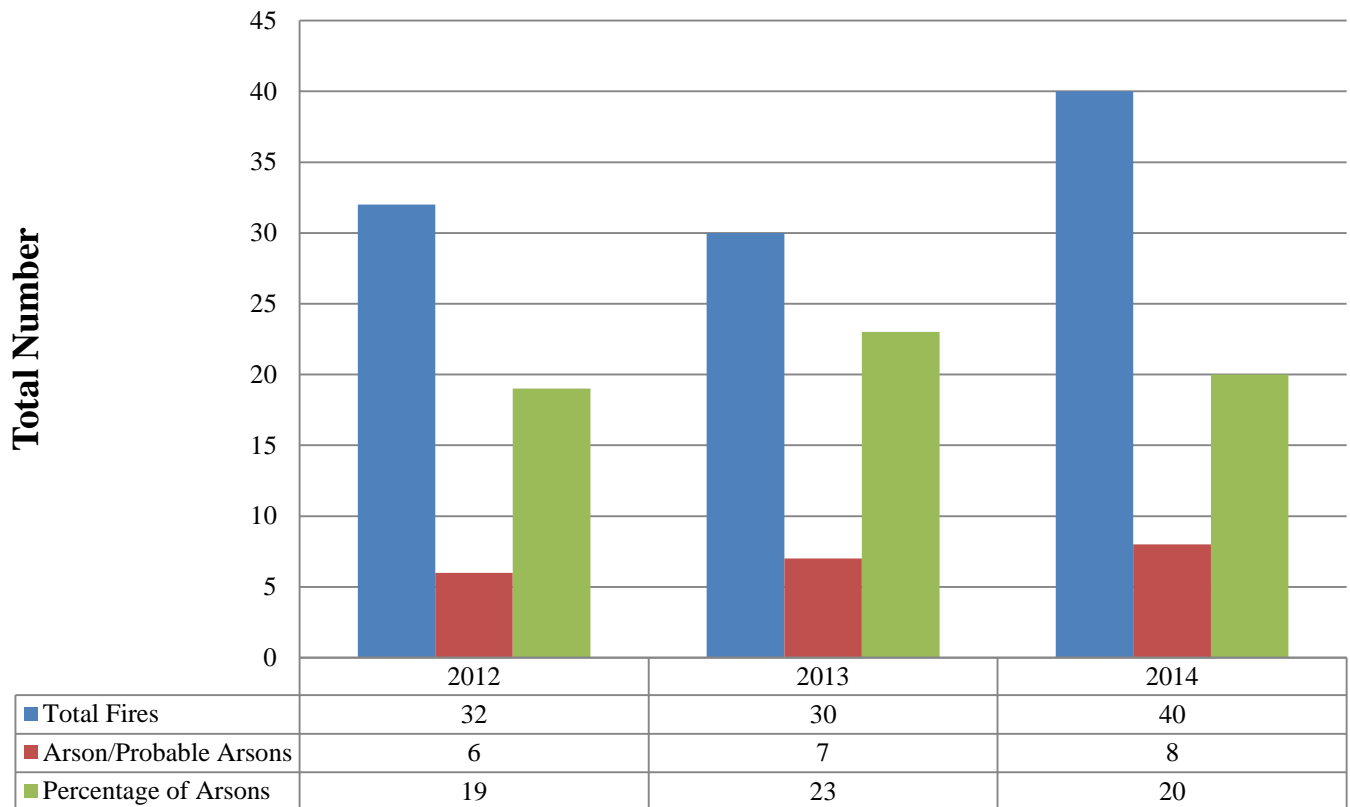


"ARSON" (Arrest/Open/Clearance Ratio) 2012-2014

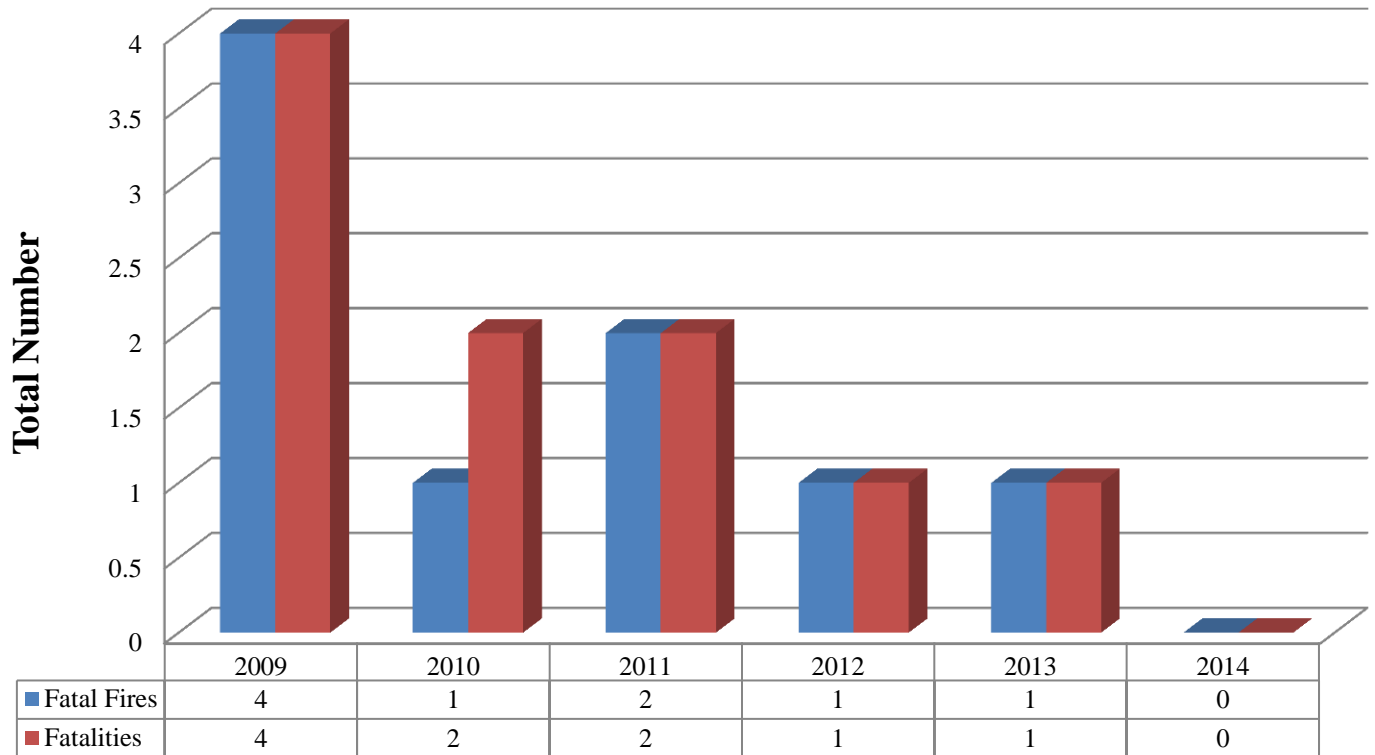


Our Arson Clearance rate for 2014 was 75%, which indicates excellent fire investigation scene examinations combined with a very good partnership with LPD Detectives in solving these types of crimes.

Total Fires to Arson Ratio (2012-2014)



Fatal Fires (2009-2014)



2014 Investigation Report Data

Lafayette Fire Investigations Unit investigated 40 structure fires for the year, 8 of which involved arson/or probable arson, broken down as follows (**20% of all fires in 2014**).

- 8 arson fires confirmed.
- 0 residential fire deaths for the year 2014.

Additional Duties

The Fire Prevention staff performs other duties that benefit the fire department, which include:

- Assisting in the fire training for new recruits.
- At large scale fire events our staff is called upon to fill positions of incident command which include safety officer, accountability officer, etc.
- Special/Administrative Investigations; Employee Background Checks.

Lafayette Fire Department **Training Division**



Ladder training

The Lafayette Fire Department's Training Division is located at 2070 South 500 East, just north of the SIA automotive plant in Lafayette. Our training division consists of one full-time Training Chief, one Training Captain, and many other on and off-shift certified trainers. The training division not only provides training for our department's members, but also for other outside agencies throughout the year. This location is the site of an IDHS District training ground, and is also a certified Blue Card Hazard Zone Management Training Facility.

In-House Training Hours:

Basic Firefighter Proficiency
Hazmat Awareness, Ops, & Tech
Emergency Medical Technician
Emergency Vehicle Operations
Flashover and Fire Behavior
Officer Development
Incident Command
Special Operations
Live Fire

Outside Training:

**Hazmat Awareness, Ops, & Tech
Emergency Response Training
Flashover and Fire Behavior
Fire Extinguisher Training
Incident Command
Confined Space
Ropes**

Outside organizations that received training:

**Alloy Custom Products
Buck Creek Volunteer Fire
Coal Creek Volunteer Fire
Evonik
Johnson Township Volunteer Fire
Madison Township Volunteer Fire
Prairie Township Volunteer Fire
SIA
Wabash National
Walnut Township Volunteer Fire**



Vehicle fire training

Recruit Academy



2014 Recruit Class

Once members are hired by the Lafayette Fire Department, they participate in a 16-week Recruit Academy. Each recruit reports to the Training Center for an 8-hour work day. Regardless of past education and work history, each recruit completes the academy. Each day consists of typical house chores, physical fitness, and a training topic for the day. The 8-hour work day does not always begin during normal business hours; some days begin at 4:00 pm and continue into night operations. Upon completion of the academy, each recruit is Indiana Department of Homeland Security certified in: Firefighter 1 & 2, Hazmat Awareness / Operations / Technician, Technical Rescue Awareness, and Emergency Medical Technician. Our Recruit Academy is instructed by our Training Division, Fire Prevention Division, and many of our active members.



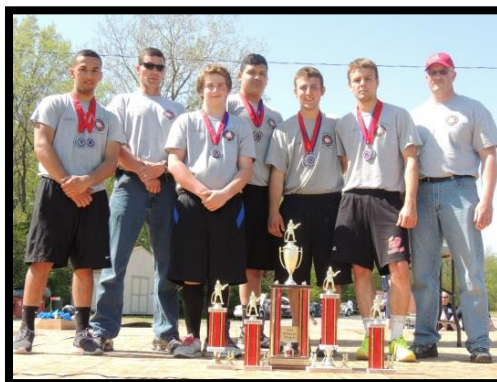
LFD-JHS Fire - Rescue Program



The Lafayette Fire Department and Jefferson High School have entered into a partnership to create the LFD / JHS Fire-Rescue Career Center. This partnership allows local high school juniors and seniors the opportunity to be exposed to the fire service as a career option. The program runs the duration of the school year. As high school students, they have the ability to become IDHS certified in Mandatory Firefighter, Hazmat Awareness, Hazmat Operations, Firefighter 1 & 2, and Technical Rescue Awareness when they reach their 18th birthday. Many fire departments require these certifications prior to hiring or before operating as a firefighter. With this course being a dual credit college course, each student has the ability to receive 12 college level credits.



The LFD / JHS Fire – Rescue participated in the HERO (Hoosier Emergency Responder Olympics) in Lebanon, Indiana. This is a state-wide high school competition where career centers participate in 18 different events, and seven of those events are scored. LFD / JHS received second place in Search and Rescue, first place in CPR & AED, first place in the Firefighter Challenge Course, and first place overall in total points.



Total Service Contacts for 2014

9,939

Includes The Following:

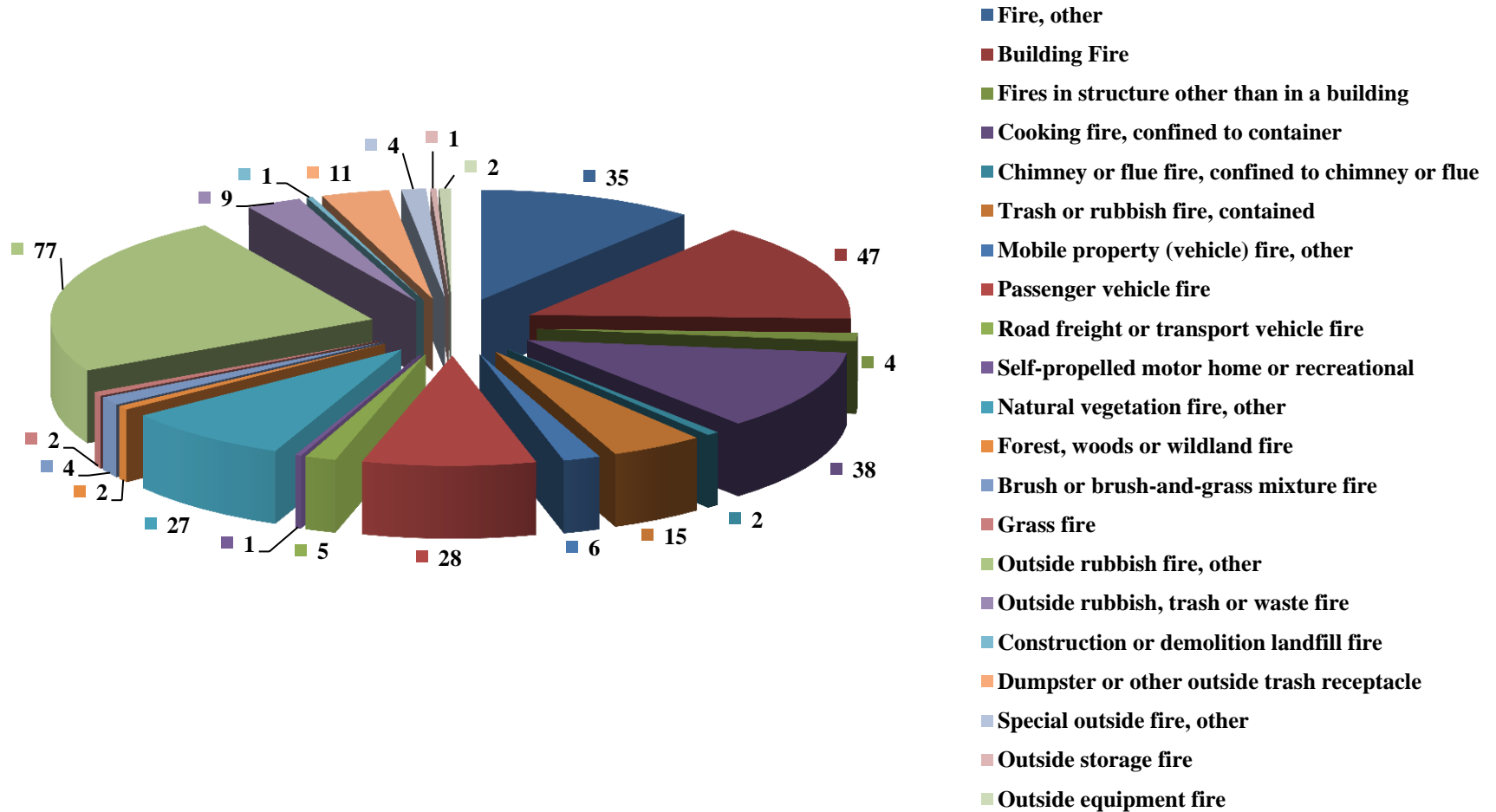
Fire Related (321)

Non-Fire Related (1,448)

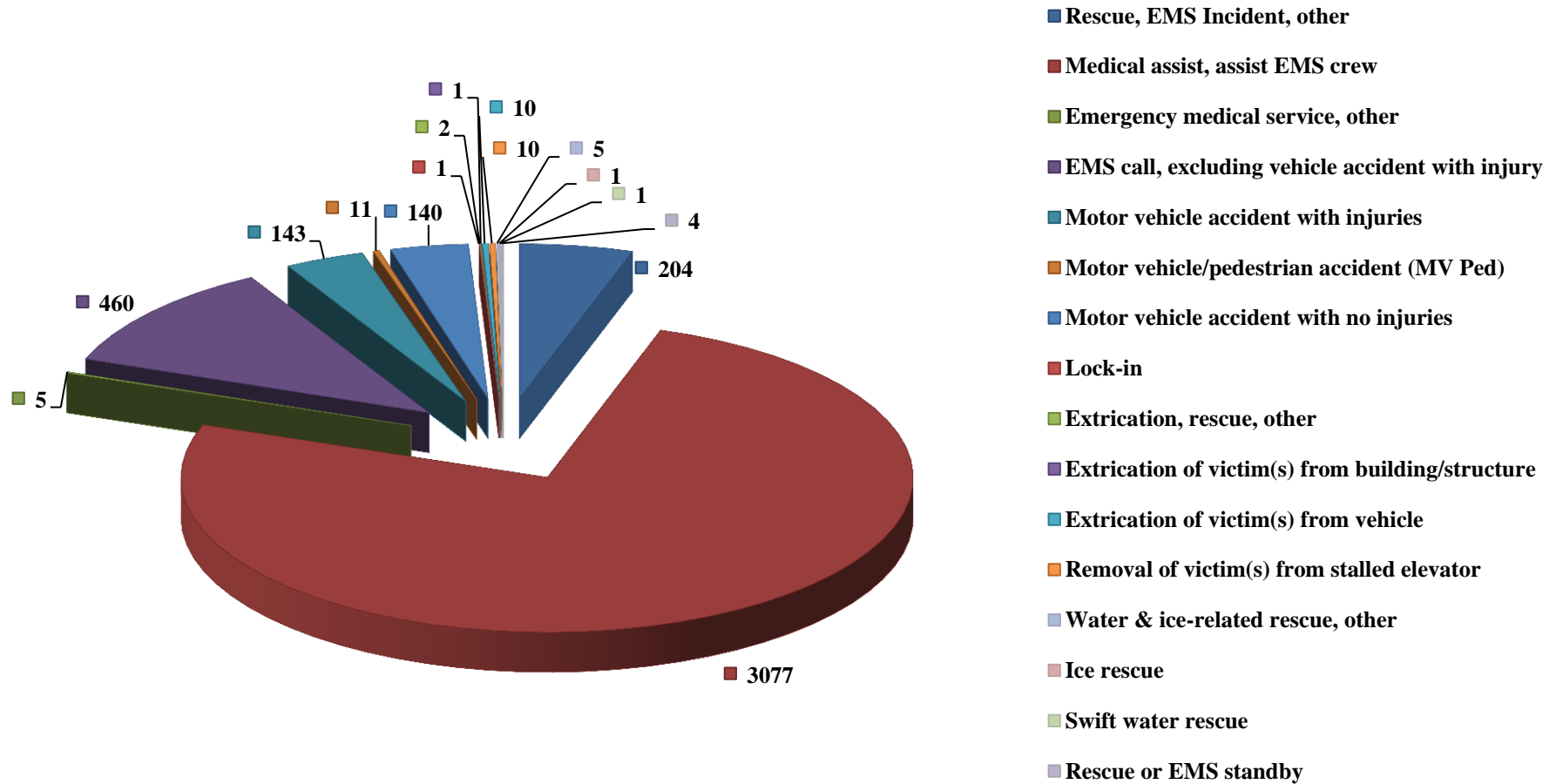
EMS (4,075)

Inspections (4,095)

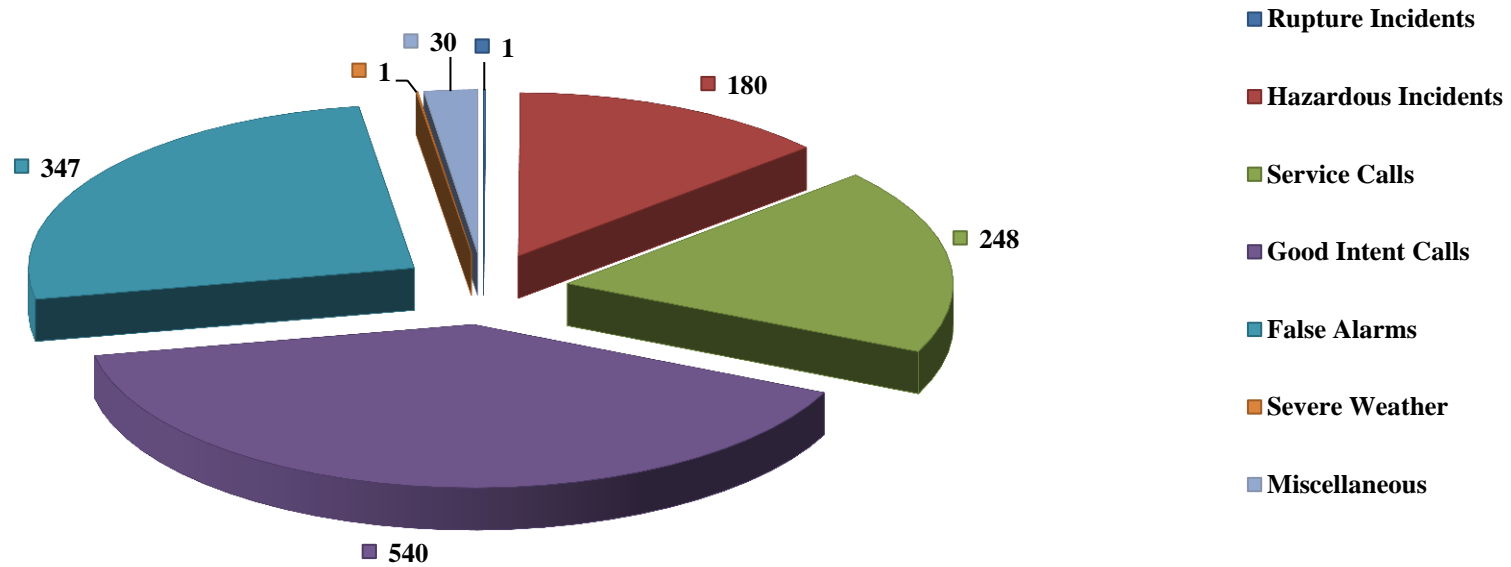
2014 Fire Runs



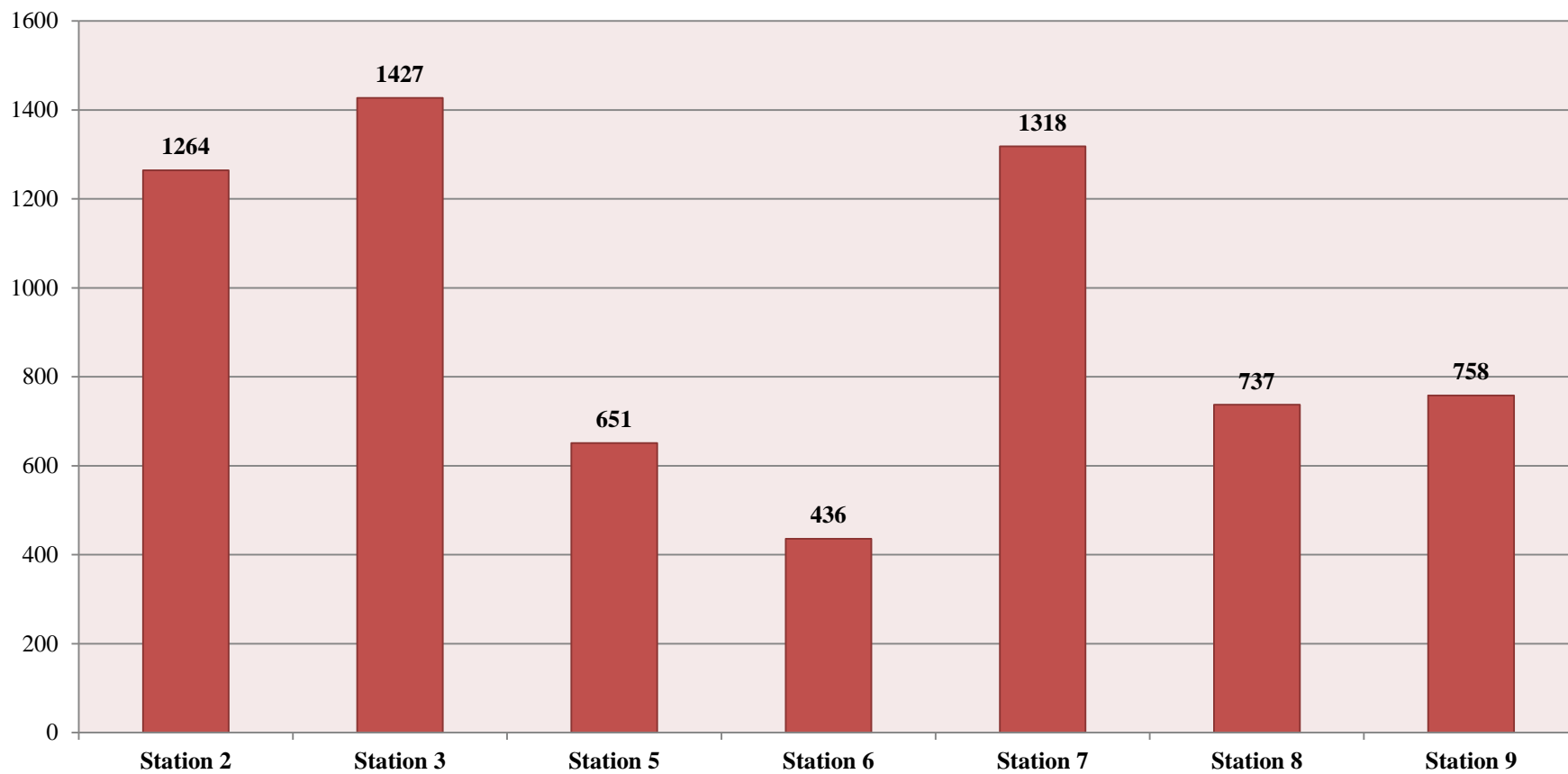
2014 EMS Runs



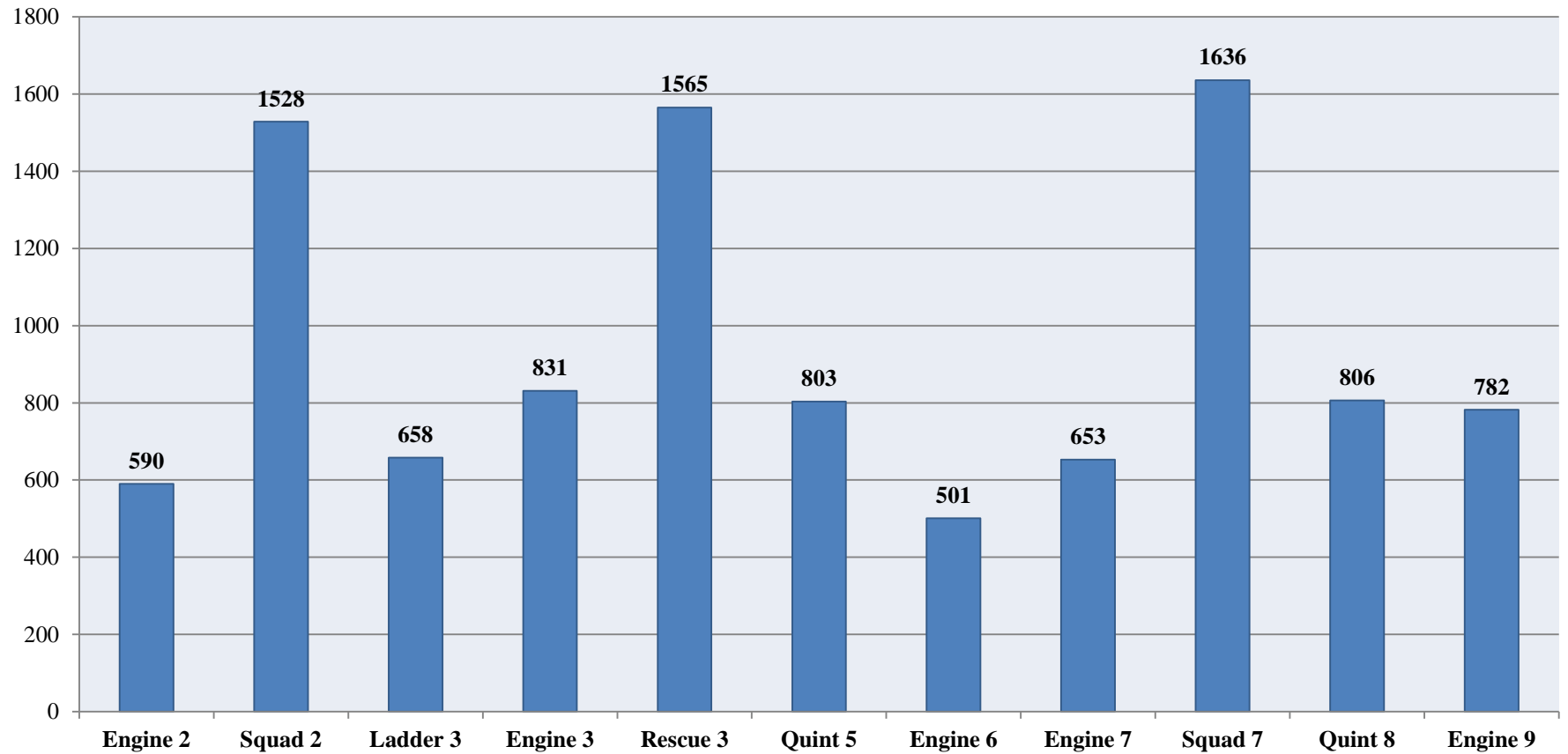
2014 Non-Fire Related Runs/Excluding EMS



2014 Calls Per Zone



2014 Responses Per Unit





House fire at 1327 Columbia Street on October 6th, 2014.